

DIVISION OF OIL, GAS, AND MINING
BOND ESTIMATE

OPERATOR: Utah West Mining & Development
MINE NAME: Delta
LOCATION: Section 9, Township 26 South, Range 9 East
COUNTY: Emery
DATE: June 5, 1978

	Operation	Amount	Rate	Cost	
A.	CLEAN-UP				
	1. Removal of structures & equipment.	Lump Sum	\$ 500.00	\$ 500.00	
	2. Removal of trash & debris.				
	3. Leveling of ancillary facilities pads and access roads.				
B.	REGRADEING & RECONTOURING				
	1. Earthwork including haulage and grading of spoils, waste and overburden.	16 hours of cat time	85./hr.	1,360.00	
	2. Recontouring of highwalls and excavations.				
	3. Spreading of soil or surficial materials.				
C.	STABILIZATION				
	1. Soil preparation, scarification, fertilization, etc.	23 acres*	25./ac.	575.00	
	2. Seeding or planting.		100./ac.	2,300.00	
	3. Construction of terraces, water-bars, etc.		1hr. cat-time for re-establishing drainage and erosion control		
D.	LABOR	16 hours	85./hr.	85.00	
	1. Supervision.		10./hr.	160.00	
	2. Labor exclusive of bulldozer time.				
E.	SAFETY				
	1. Erection of fences, portal coverings, etc.	2 portals	300./ea.	600.00	
	2. Removal or neutralization of explosive or hazardous materials.				
F.	MONITORING				
	1. Continuing or periodic monitoring, sampling & testing deemed necessary.	5 Division inspections	50./ea.	250.00	
G.	OTHER			\$5,830.00	SUB-TOTAL
	1. 5% inflation factor 1.2763 for 5 year life			1,610.83	
				\$7,440.83	TOTAL

* 23 acre disturbed area estimate determined by D.A. Frandsen